


Subt. For, PTO-1449				Docket Number 111554.128 US6		Application Number NEW DIV	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant Domash, et al.			
				Filing Date 9/19/2003		Group Art Unit 1773	
Sheet	1	OF	2				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LX	4,929,063	May 29, 1990	Durand et al.	350	353	
	5,037,169	Aug. 6, 1991	Chun	385	16	
	5,218,422	Jun. 8, 1993	Zoechbauer	356	352	
	5,408,319	Apr. 18, 1995	Halbout et al.	356	352	
	6,018,421	Jan., 2000	Cushing	359	589	
	5,619,059	April, 1997	Li, et al.	257	431	
	5,515,460	May 7, 1996	Stone	385	24	

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
LX	WO 00/22479	Apr. 20, 2000	PCT			
LX	EP 1055959 A2	Nov. 29, 2000	EP			

Other Documents (including Author, Title, Date Pertinent Pages, Etc.)		
LX	A1	Augustine, B.H. et al. "Thermal-optical switching of a silicon based interference filter" <i>J. Appl. Phys.</i> (15 February 1994): 75(04) 1875-1877
LX	A2	Niemi, T. et al. "Tunable Silicon Etalon for Simultaneous Spectral Filtering and Wavelength Monitoring of a DWDM Transmitter." <i>IEEE Photonics Technology Letters</i> (January 2001) 13(1) 58-60
	A3	Kajava T. et al. "Tunable Fabry-Perot micro-Filters for Telecommunication system Diagnostics." <i>Tech Dig. Conf. Lasers and Electro-Optics CLEO/Europe</i> (1998) 324
	A4	Carbunescu, E. "Non linear optical effects in hydrogenated amorphous silicon" <i>Optical Engineering</i> (May 1996): 35(05) 1322-1324
LX	A5	Cocorullo, G. et al. "Amorphous silicon based waveguides and light modulators for silicon low-cost photonic integrated circuits." <i>MRS Fall Meeting Boston</i> (December 1997)
	A6	Cocorullo, G. et al. "Amorphous silicon Waveguides and Interferometers for Low-Cost Silicon Optoelectronics." <i>SPIE</i> (1998): 3278, 286-292
	A7	Cocorullo, G. et al. "Amorphous silicon waveguides and light modulators for integrated photonics realized by low-temperature plasma-enhanced chemical-vapor deposition." <i>Optics Letters</i> (15 December 1996): 21(4) 2002-2004
	A8	Cocorullo, G. et al. "Amorphous Silicon-Based Guided-Wave Passive and Active Devices for Silicon Integrated Optoelectronics." <i>IEEE Journal of Selected Topics in Quantum Electronics</i> (Nov/Dec 1998): 4(6) 997-1002
	A9	Cocorullo, G. et al. "Fast infrared light modulation in a-Si:H micro-devices for fiber-to-the-home applications." <i>Journal of Non-Crystalline Solids</i> (2000) 1247-1251
	A10	Cocorullo, G. et al. "Silicon Thermo-optical Micromodulator with 700-KHz -3-dB Bandwidth." <i>IEEE Photonics Technology Letters</i> (April 1995): 7(4) 363-365
	A11	Cocorullo, G. et al. "Thermo-Optical Modulation at $\lambda=1.5 \mu\text{m}$ in an $\alpha\text{-SiC-}\alpha\text{-Si-}\alpha\text{-SiC}$ Planar Guided-Wave Structure." <i>IEEE Photonics Technology Letters</i> (July 1996): 8(7) 900-902
	A12	Coppola, G. et al. "Simulation and analysis of a high-efficiency silicon optoelectronic modulator based on a Bragg mirror." <i>Society of Photo-optical Instrumentation Engineers</i> (June 2001): 40(6) 1076-1081
	A13	Della Corte, F. et al. "Study of the thermo-optic effect in hydrogenated amorphous silicon and hydrogenated amorphous silicon carbide between 300 and 500 K at $1.55 \mu\text{m}$." <i>Applied Physics Letters</i> (9 July 2001): 79(2) 168-170

EXAMINER 	DATE CONSIDERED 11/8/04
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Sheet	2	OF	2		

✓	B1	Eicker, U. et al. "Optical bistability in amorphous Si-C alloys and amorphous alloy interference filters." <i>Optical Society of America</i> (1991): 8(3), 614-617
	B2	Iodice, M. et al. "Simple and low-cost technique for wavelength division multiplexing channel monitoring." <i>Society of Photo-Optical Instrumentation Engineers</i> (June 2000): 69(6) 1704-1711
	B3	Martinu, L. et al. "Plasma deposition of optical films and coatings: A review." <i>J. Vac. Sci. Technol.</i> (Nov/Dec 2000): A18(6), 2619-2645.
	B4	Niemi, T. et al. "Tunable Silicon Etalon for Simultaneous Spectral Filtering and Wavelength Monitoring of a DWDM Transmitter." <i>IEEE Photonics Technology Letters</i> (January 2001): 13(1) 58-60
✓	B5	Parmentier, F. et al. "Towards Tunable Optical Filters." <i>Technical Digest, OSA Topical Meeting Optical Interference Coatings</i> (15 July 2001) Paper WB1

EXAMINER <i>Wing Xu</i>	DATE CONSIDERED <i>11/8/04</i>
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